



## State of Utah

### Department of Natural Resources

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### Division of Oil, Gas & Mining

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February 16, 2006

Paula Doughty  
8315 West 3595 South  
P.O. Box 6001  
Magna, Utah 84044-6001

Subject: Clarification of Current & Upcoming Projects, Kennecott Utah Copper Corporation, Bingham Mine, M/035/002, Salt Lake County, Utah

Dear Ms. Doughty:

The Division has reviewed your submittal dated January 17, 2005 (sic 2006) and finds the information to be an amendment to the current mining and reclamation plan. Prior to approval of the current and upcoming projects amendment the Division requests additional information to be submitted to clarify the following:

#### Bingham Canyon Mine

- The reclamation treatments map for the Bingham Pit/waste rock disposal areas needs to be revised in accordance with the plans presented in this submittal. The placement locations of the E-1 mine cut waste rock will change treatments in much of the area. More specific comments are listed below.
- The map included with the submittal shows the location of the placement of the waste rock from the E-1 mine cuts.  
In discussions with KUC it was understood that the oxide material being stripped from this area would be segregated and placed in areas where it could be used to cap some of the acidic dump faces in the area. Please show the approximate aerial extent of coverage of the oxide material when it is spread on surrounding dumps.  
An attempt should be made to place this oxide cap on all areas that surround these oxide dumps where no further action is currently planned.
- Areas that KUC had intended to revegetate are in the area of the E-1 mine cuts, and it is assumed the waste rock on the surface of these areas is suitable for revegetation. Are there tests showing the nature of this material at depth? Is the deeper material also suitable for revegetation or should the surface material be salvaged and handled separately?
- It is not clear whether waste material with an acidification potential will be segregated and placed on the Bingham Canyon Dump or placed within the area of the new oxide dumps.
- If this oxide waste material is used to cap acidic areas of existing dumps, will the areas where this oxide material is being placed be revegetated? The Reclamation

Activities on the Bingham Canyon Mine Waste Rock Disposal Areas Map should be amended to show where the additional treatments are being applied.

- Waste rock is projected to be placed in or near the face of Bingham Canyon Dump as approved in 2003. Most of the lower portion of this area was to be capped with topsoil and revegetated. Does this modification alter the original plan?

Planned Demolition Activities

- If structures being demolished are identified on the Figure 2-1 in the Bingham Canyon Mine 2003 Reclamation and Water Management Plan, Figure 2-1 should be amended to remove these features from the plan.

The Bingham Canyon Mine 2003 Reclamation and Water Management Plan should be amended to reflect these changes. Changes to the mining and reclamation plan can be made by providing a new plan or by adding, replacing, or removing pages to the current plan. Detailed instructions for adding or replacing pages and maps must be included by submitting form MR-REV available on the Division's web page (<http://ogm.utah.gov/minerals/MINERALSFORMS.htm>). After the Division conditionally approves the change, two clean copies will be requested. One copy stamped "approved" will be returned for your copy of the mining and reclamation plan.

If you have any questions concerning this correspondence, please contact me (801) 528-5258 or Doug Jensen at (801) 538-5382. Thank you for keeping your plan current.

Sincerely,



Susan M. White  
Mining Program Coordinator  
Minerals Regulatory Program